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Three nomenclatural corrections for species of *Hypocrea/Trichoderma*

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Abstract — Three hypocreoid taxa were found to be illegitimate later homonyms of previously described species. Hence, the replacement names, *Hypocrea straminella* (≡ *Hypocrea straminea* P. Chaverri & Samuels), *Trichoderma pseudocandidum* (≡ *Trichoderma candidum* P. Chaverri & Samuels), and *Trichoderma pseudonigrovirens* (≡ *Trichoderma nigrovirens* P. Chaverri & Samuels), are provided.

Key words — *Ascomycota*, *Hypocreaceae*, *Hypocreales*, nomen novum, nomenclature

Introduction

Hypocrea Fr. (anamorph *Trichoderma* Pers.) is a genus of ubiquitous fungi, some of which are exploited in commercial applications including biological control, industrial enzyme production, and bioremediation (Chaverri & Samuels 2003). In a previous systematic treatment of species with green ascospores, Chaverri & Samuels (2003) described several taxonomic novelties. Unfortunately, some of them were subsequently found to be illegitimate names according to the International Code of Botanical Nomenclature (McNeill et al. 2006), since they are later homonyms of previously described but somewhat obscure taxa. According to McNeill et al. (2006), a nomen novum is needed for each name, and we prefer to assign the following replacement names before the use of the illegitimate names has become prevalent in the literature.

Taxonomy

Hypocrea straminella P. Chaverri, Samuels & Minnis, **nom. nov.**

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≡ *Hypocrea straminea* P. Chaverri & Samuels, Studies in Mycology: 48: 86, 2003, non *Hypocrea straminea* Petch, Ann. Roy. Bot. Gard. (Peradeniya) 7: 97, 1920.

The anamorph of this fungus is *Trichoderma stramineum* P. Chaverri & Samuels (Chaverri & Samuels 2003).

Trichoderma pseudocandidum P. Chaverri, Samuels & Minnis, **nom. nov.**

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≡ *Trichoderma candidum* P. Chaverri & Samuels, Studies in Mycology 48: 40, 2003, non *Trichoderma candidum* Alb. & Schwein., Conspectus Fungorum in Lusatiae Superioris: 137, 1805.

The teleomorph of this fungus is *Hypocrea candida* P. Chaverri & Samuels (Chaverri & Samuels 2003).

Trichoderma pseudonigrovirens P. Chaverri, Samuels & Minnis, **nom. nov.**

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≡ *Trichoderma nigrovirens* P. Chaverri & Samuels, Studies in Mycology 48: 78, 2003, non *Trichoderma nigrovirens* Goddard, Bot. Gaz. 56: 273, 1913, "nigro-virens".

The teleomorph of this fungus is *Hypocrea nigrovirens* P. Chaverri & Samuels (Chaverri & Samuels 2003).

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